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COELENTERATA

COMPILED BY

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†*Sphaeractinia kuehni* sp. n. pp. 373, 385 fig. Jurassic Slovenia, GERMOVŠEK Diss. Acad. Sci. Art. Sloven. Cl. 4 Hist. nat. 2 1954.

†*Sporadoporiidae* fam. n. pp. 370, 385, GERMOVŠEK Diss. Acad. Sci. Art. Sloven. Cl. 4 Hist. nat. 2 1954.

†*Sporadoporiidum* gen. n. (fam. Sporadoporiidae) pp. 370, 384, type species (by original designation) *rakovci* sp. n. pp. 370, 384 fig. Jurassic Slovenia, GERMOVŠEK Diss. Acad. Sci. Art. Sloven. Cl. 4 Hist. nat. 2 1954.

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†*Trupetostroma burnsi* nom. nud. p. 142, STEPHEN 205.

†*Trupetostromaria* gen. n. (fam. Trupetostromidae) pp. 365, 381, type species (by original designation) *circoporea* sp. n. pp. 365, 381 fig. Jurassic Slovenia, GERMOVŠEK Diss. Acad. Sci. Art. Slov. Cl. 4 Hist. nat. 2 1954.

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†*Actinaraea* diagnosed p. 171, *granulata* p. 171 fig., subsp. *tuberosa* p. 172, GEYER 69.

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ramosa Sow. not Mich.) p. 55 fig., *reticulata* p. 57, *tuberculata* p. 57 fig., var. *minimituberculata* var. n. p. 58 fig., *arnaudi* sp. n. p. 58 fig., *benaisensis* p. 61 fig., *fuzumensis* p. 63 fig., spp. n., *konincki* p. 64 fig., *lacvivieri* sp. n. p. 67 fig., *multituberculata* sp. n. p. 69 fig., *rugosa* p. 71 fig., *littoralis* p. 73 fig., *margaritata* p. 75 fig., *provincialis* sp. n. p. 76 fig., *orbigny* p. 78 fig., *petrocoriensis* sp. n. p. 81 fig., *exigua* p. 82 fig., *bastidensis* sp. n. p. 84 fig., *piveteaui* sp. n. p. 87 fig., var. *axicrassa* var. n. p. 88 fig., *limbata* sp. n. p. 89 fig., *rupesfortisensis* sp. n. p. 91 fig., Upper Cretaceous France, ALLOITEAU Ann. Hébert et Haug 8 1954.—*A. favulus* p. 63, GEYER 68.—*A.* diagnosed p. 129, *pentagonalis* p. 129, *ramulifera* p. 129 fig., GEYER 69.

Actinia tenebrosa p. 571, CARLGREN 41.—*A. equina equina* p. 174 fig., *cari* p. 176 fig., PAX & MÜLLER 167.

Actiniogeton sesere p. 579 fig., CARLGREN 41.

Actinothoe glandulosa sp. n. p. 582 fig. W. Australia, *albocincta* p. 584, CARLGREN Ark. Zool. 6 34 1954.

Adamsia palliata p. 229 fig., PAX & MÜLLER 167.

Agaricia ? *minikoiensis* is *Leptoseria* ? *mycetoseroides* p. 444, WELLS 235.

†*Agatiphyllia matheroni* sp. n. p. 63 fig. Oligocene France, *blaviensis* sp. n. p. 64 fig. Eocene France, CHEVALIER Bull. Soc. géol. Fr. 6 4 1-3 1954.

Aiptasia pallida p. 289 fig., HEDGPETH 82.

Aiptasiomorpha luciae p. 290 fig., *texaensis* p. 290, HEDGPETH 82.

†*Allocoenia* discussed p. 13, ALLOITEAU 9.

Alveopora allingi p. 456 fig., *ocellata* sp. n. p. 456 fig. Marshall Islands, WELLS U.S. geol. Surv. Prof. Pap. 2601 1954.

†*Alveopora* sp. p. 135, OSBERGER 158.—*A. polyacantha* p. 614 fig., WELLS 236.

†*Amphistraeida* diagnosed p. 192, GEYER 69.

†*Amphistraeidae* diagnosed p. 192, GEYER 69.

†*Amphihelia sismondiana* p. 19, KOPEK 114.

†*Amplexocarinia smithi* p. 93 fig., KOSTIĆ-PODGORSKA 115.

Anacropora gracilis p. 440 fig., *reptans* p. 440 fig., *forbesi* p. 441, WELLS 235.

Anemonia carlgreni p. 572, CARLGREN 41.—*A. sargassensis* p. 287 fig., HEDGPETH 82.—*A. sulcata* p. 202 fig., PAX & MÜLLER 167.

Antheopsis see *Radianthus*.

Anthopleura sp. p. 274 fig., ATODA 15.—*A. aureo-radiata* p. 574 fig., CARLGREN 41.—*A. krebsi* p. 287 fig., HEDGPETH 82.—*A. elegantissima* p. 80 fig., *artemisia* p. 85 fig., WILLIAMS 241.

Antipathes subpinnata p. 121 fig., PAX & MÜLLER 167.

†*Aplophyllia* diagnosed p. 139, *longicostata* sp. n. p. 139 fig. Jurassic Germany, GEYER Palaeontogr. 104A 1954.

†*Aplosmilium* diagnosed p. 190, *suevica* sp. n. p. 190 fig. Jurassic Germany, GEYER Palaeontogr. 104A 1954.

†*Aquitanastraea* gen. n. p. 139, type species (by original designation) p. 144) *piveteaui* sp. n. p. 139 fig. Miocene France, var. *argus* p. 141 fig., var. *intermedia* var. n. p. 142 fig. Miocene France, var. *alternans* var. n. p. 142 fig. Miocene France, *pruvosti* sp. n. p. 143 fig. Miocene France, *pachyformis* sp. n. p. 144 fig. Miocene France, *incrustans* p. 152 fig., *ramea* p. 163 fig., CHEVALIER Ann. Hébert et Haug 8 1954.

†*Arachnophyllum diffluens* p. 407 fig., SCHOUPPE 189.

Astraeopora [as *Astreopora* (sic)] *myriophthalma* p. 431 fig., *listeri* p. 432 fig., cf. *gracilis* p. 432 fig., *ocellata* p. 432 fig., *tubulata* sp. n. p. 432 fig. Marshall Islands, *suggesta* sp. n. p. 433 fig. Marshall Islands, WELLS U.S. geol. Surv. Prof. Pap. 260I 1954.

Astrangia astraeiformis p. 85, BUCHANAN 37.

†*Astrocoenia* p. 17, *decaphylla* p. 22, *subdecaphylla* p. 45, *octolamellosa* p. 49, *pygmaea* p. 52, *ramosa* pp. 53, 55, *konincki* p. 64, *rugosa* p. 71, *margaritata* p. 75, *orbignyana* p. 78 are spp. of *Actinastraea* (q.v.), ALLOITEAU 9.—*A. pentagonalis* (= *bernensis*) and *delemoniana* are spp. of *Actinastraea* p. 129, GEYER 69.—*A. ramosa* p. 110 fig., *decaphylla* p. 111 fig., *koninckii* p. 111 fig., KOLOSVÁRY 111.

†*Astrocoeniida* diagnosed p. 128, GEYER 69.

†*Astrocoeniidae* diagnosed p. 128, GEYER 69.

†*Azosmilium* diagnosed p. 194, *crassa* p. 194 fig., *turbinata* p. 194, *marcoui* p. 195 fig., *caudata*, *infundibuliformis* p. 195, *hemisphaerica*, *excavata*, *cylindrica* p. 196, *sessilis* p. 197 fig., GEYER 69.

Balanophyllia verrucaria p. 316 fig., PAX & MÜLLER 167.

†*Balanophyllia* sp. p. 17, *varians* p. 18 fig., *concinna* p. 18 fig., cf. *irregularis* p. 18 fig., KOPEK 114.

†*Barrandeophyllum cavum* sp. n. p. 8 fig. Devonian W. Australia, spp. p. 9 fig., HILL Bull. Min. Resources Geol. Geophys. Australia 23 1954.—*B.* see also *Syringaxon*.

Bartholomea annulata p. 290, HEDGPETH 82.

†*Barysmilia* diagnosed p. 191, *B. ? jurassica* sp. n. p. 192 fig. Jurassic Germany, GEYER Palaeontogr. 104A 1954.

Bikiniastrea gen. n. (fam. Faviidae) p. 456, type species (by original designation) *laddi* sp. n. p. 456 fig. Marshall Islands, WELLS U.S. geol. Surv. Prof. Pap. 260I 1954.

†*Blothrophyllum irregulare* sp. n. p. 216 fig. (Conspectus pp. 44, 48), mut. *breviseptata* mut. n. p. 219 fig., Devonian Poland, *multiseptatus* p. 220 fig., RÓZKOWSKA Acta geol. polon. 4 1954.

†*Brachyelasma alpina* p. 390 fig., SCHOUPPE 189.

Bunodactis maculosa sp. n. p. 577 fig. S.W. Australia, CARLGREN Ark. Zool. 6 34 1954.—*B. texaensis* p. 287, HEDGPETH 82.

Bunodosoma cavernata p. 287 fig., HEDGPETH 82.

†*Calamophyllia flabella* p. 64, GEYER 68.—*C.* diagnosed p. 146, *cervina* p. 146 fig., aff. *laevis* p. 146, *disputabilis* p. 146 fig., GEYER 69.—*C.* cf. *compressa* p. 80, KOLOSVÁRY 111.

†*Calamophylliidae* diagnosed p. 143, GEYER 69.

†? *Calamosmilium* sp. p. 236 fig., KOLOSVÁRY 110.

†*Calceola sandalina sandalina* p. 235 fig., RÓZKOWSKA 179.—*C. sandalina* p. 413 fig., TERMIER & TERMIER 215.

Calliactis tricolor p. 287 fig., HEDGPETH 82.—*C. parasitica* p. 229 fig., PAX & MÜLLER 167.

†*Cf. Campophyllum kiaeri* p. 4, PADGET 160.

†*Canadiphyllum* gen. n. (fam. Zaphrentoididae) p. 361, type species (by original designation) *knoxi* sp. n. p. 362 fig. Carboniferous British Columbia, SUTHERLAND Geol. Mag. 91 5 1954.

†*Caninia* [as *Craninia* (sic)] *cornucopiae* ch. 5 fifth pl. fig., GARCÍA-FUENTE 61.—*C. radis* sp. n. p. 28 fig. Devonian W. Australia, HILL Bull. Min. Resources Geol. Geophys. Australia 23 1954.—*C. sp. A* sp. n. ? [sic] p. 14 fig. Carboniferous Japan, sp. B cf. *mapingense* p. 14 fig., cf. *simplex* p. 15 fig., KONISHI J. geol. Soc. Japan 60 700 1954.—*C. holledahli* p. 5, cf. *calophylloides* p. 6, PADGET 160.

Caninoid corals p. 6, PADGET 160.

†*Carcicocaenia* gen. n. (fam. Andemantastreaeidae) p. 884, type species (by original designation) *pfenderae* sp. n. p. 883 fig. Cretaceous S. France, ALLOITEAU Bull. Soc. géol. Fr. (6) 3 1953.

Caryophyllia clavus p. 15, BROCH 36.—*C. clavus* p. 84, BUCHANAN 37.—*C. rugosa* p. 469 fig., WELLS 235.

†*Caryophyllia* diagnosed p. 187, *suevica* p. 188 fig., *simplex* p. 188, GEYER 69.—*C. cf. psilonotoni* p. 236, cf. *liasica* p. 237, ? *C. sp.* p. 235, KOLOSVÁRY 110.—*C. cf. arcuata* p. 25, *attenuata* p. 25 fig., cf. *degenerans* p. 25 fig., KOPEK 114.

†*Caryophylliida* diagnosed p. 187, GEYER 69.

†*Caryophylliidae* diagnosed p. 187, GEYER 69.

†*Calactotoechus* gen. n. (fam. Syringaxonidae) p. 9, type species (by original designation) *irregularis* p. 10 fig., *obliquus* p. 11 fig., *tenuis* p. 12 fig., spp. n. Devonian W. Australia, HILL Bull. Min. Resources Geol. Geophys. Australia 23 1954.

†*Ceratophyllum typus* pp. 212, 223 fig., RÓZKOWSKA 179.

†*Ceratotrochus alcockianus* p. 66, KING 109.—*C. noszkyi* pp. 98, 126 fig., *bakonyensis* pp. 98, 126 fig., spp. n. Cretaceous Hungary, KOLOSVÁRY Jb.

ung. geol. Anst. 42 2 1954.—*C. duodecimcostatus* p. 20 fig., *multispinosus* p. 21 fig., KOPEK 114.

Cereus pedunculatus p. 230 fig., PAX & MÜLLER 167.

Ceriantheomorpha brasiliensis p. 290, HEDGPETH 82.

†*Ceriocaenia* nom. nud. p. 882, ALLOITEAU 8.

Cladocora cespitosa p. 18, BROCH 36.—*C. cespitosa* p. 315 fig., var. *typica* p. 316, var. *stellaria* p. 316 fig., var. *astraearia*, var. *paulmayeri* p. 316, PAX & MÜLLER 167.

†*Cladocora schréteri* pp. 82, 125 fig., *gracilis* pp. 83, 126 fig., spp. n. Cretaceous Hungary, KOLOSVÁRY Jb. ung. geol. Anst. 42 2 1954.

†*Cladophyllia* diagnosed p. 139, *dichotoma* subsp. *parallela* p. 139, subsp. *flexuosa* p. 140, GEYER 69.—*C. ?* sp. p. 65, GEYER 68.

Cnidopus verater pp. 576, 593, CARL-GREN 41.

†*Coelosmilium ?* sp. p. 105 fig., *niobe* pp. 105, 127 fig. Cretaceous Hungary, KOLOSVÁRY Jb. ung. geol. Anst. 42 2 1954.

†*Coenastrea* discussed p. 11, ALLOITEAU 9.

Coenocyathus sp. ? p. 16, BROCH 36.

†*Columnastraea delcrosiana* p. 118, CHEVALIER 43.—*C. [as Columnastraea (sic)] striata* p. 112 fig., KOLOSVÁRY 111.

†*Columnaria halli* p. 118 fig., KAY 106.—*C. sp.* p. 6 (338) fig., RÓZKOWSKA 178.

†*Columnastraea* see *Columnastraea*.

†*Columnocoenia lifolensis* p. 107 fig., *laevicostata* p. 108, var. *ferryi* var. n. p. 109 fig. Jurassic France, CHEVALIER Ann. Hébert et Haug 8 1954.

†*Comophyllia* diagnosed p. 149, *jurensis* p. 149, *corrugata* p. 149 fig., GEYER 69.

†*Comoseris tshordiensis* nom. nud. p. 286, [BENDUKIDZE] 22.—*C.* diagnosed p. 167, ? *C. irradians* p. 168, *C. jumarense* p. 168 fig., GEYER 69.

†*Complexastraea* [as *Complexastrea* (sic)], *theverini* p. 183 fig., *hemisphaerica* sp. n. p. 184 fig. Jurassic Germany, GEYER Palaeontogr. 104A 1954.

Condylactis gigantea p. 287, HEDG-PETH 82.—*C. aurantiaca* p. 173 fig., PAX & MÜLLER 167.

†*Confusastraea* discussed p. 130, *obsoleta* p. 130 fig., *djunggranganensis* sp. n. p. 131 fig. Upper Tertiary Java, OSBERGER Neues Jb. Min. Geol. Paläont. Abh. 100 1 1954.

†*Convexastraea sexradiata* p. 63, GEYER 68.—*C.* [as *Convexastrea* (sic)] diagnosed p. 135, *sexradiata* p. 135, *meriani* subsp. *suevica* subsp. n. p. 135 fig. Jurassic Germany, *bernensis* p. 136 fig., GEYER Palaeontogr. 104A 1954.

Coscinaraea columna p. 446 fig., *ostreaeformis* p. 446 fig., WELLS 235.

Cricophorus nutrix p. 582, CARLGRÉN 41.

Culicia rubeola p. 464 fig., WELLS 235.

†*Cyathocoenia* discussed p. 13, ALLOI-TEAU 9.

†*Cyathophora* diagnosed p. 136, *bourgueti* p. 136 fig., subsp. *sparsicella* p. 137, *claudiensis* p. 137 fig., *alveolata* ? p. 137, GEYER 69.—*C.* cf. *cesaredensis* p. 236 fig., KOLOSÁRY 110.—*C.* cf. *pygmaea* p. 74, *annae* p. 75, KOLOSÁRY 111.

†*Cyclolites robusta* pp. 10, 83 fig., subsp. *noszkyi* subsp. n. pp. 10, 83 fig. Hungary, subsp. *latifossa* subsp. n. p. 11, 84 fig. Hungary, *fraterculus* pp. 12, 85 fig., *undulata* pp. 12, 85 fig., cf. *orbigny* pp. 13, 86 fig., subsp. *homoio-macrostomata* subsp. n. pp. 13, 86 fig. Hungary, *macrostomata* p. 14, 87 fig., aff. *macrostomata* pp. 15, 30, 88, 104 fig., sp. n. 1 pp. 15, 89 fig., cf. *nummulus* pp. 16, 89 fig., sp. n. 2 pp. 16, 89 fig., *numismalis* pp. 16, 90 fig., subsp. n. aff. *numismalis* 3 pp. 17, 90 fig., *polymorpha* pp. 17, 26, 28, 90, 100, 103 fig., *discoidea* pp. 18, 26, 91, 100 fig., subsp. *costata* subsp. n. pp. 18, 92 fig. Hungary, *pseudonummulus* pp. 19, 26, 92, 100 fig., sp. 4 pp. 20, 93 fig., *reussi* pp. 20, 93 fig., subsp. *profundus* subsp. n. pp. 21, 94 fig. Hungary, subsp. *reussiformis* subsp. n. pp. 21, 95 fig. Hungary, *semi-subcircularis* sp. n. ? [sic] pp. 22, 95 fig., sp. n. 5 pp. 23, 97 fig., *discoidea* pp. 23, 97 fig., *undulata transsylvanica* subsp. n. pp. 24, 98 fig. Roumania, aff. *excelsa* pp. 24, 98 fig., cf. *placenta* pp. 25, 99 fig., *orbigny* pp. 25, 99 fig., *scutellum* pp. 28, 102 fig., *lőczyi* subsp. n. pp. 25, 95 fig. Roumania, sp. 6 pp. 27, 101,

undulata magna subsp. n. pp. 27, 101 fig. Roumania, cf. *elliptica* pp. 27, 101, aff. *elliptica* pp. 28, 102 fig., *corbieriaca* pp. 29, 103 fig., *polygamus* pp. 29, 103 fig., aff. *pulchellus* pp. 30, 104 fig., *elliptica semivundulata* subsp. n. pp. 30, 104 Roumania, aff. *conoidea* pp. 31, 105 fig., *rugosa* pp. 31, 106 fig., *tenuiradiata* pp. 32, 106 fig., Cretaceous, GÉCZY Geol. hung. 24 1954.—*C.* sp. p. 87, *orbigny* p. 87 fig., *nummulus* p. 87 fig., *elliptica* p. 88 fig., *undulata* p. 88, subsp. *undulata* p. 88 fig., subsp. *cycloides* p. 89 fig., subsp. *reussi* p. 89 fig., subsp. ? p. 89 fig., aff. *humilis* p. 90 fig., KOLOSÁRY 111.

Cycloseris hexagonalis p. 447, *vaughani* p. 447 fig., *patelliformis* p. 447 fig., *distorta*, *fragilis* p. 447, WELLS 235.

†*Cycloseris* sp. p. 613 fig., WELLS 236.

Cyphastraea [as *Cyphastrea* (sic)] *serailia* p. 463, *chalcidicum* p. 464, WELLS 235.

†*Cyphastraea annularis* p. 164 fig., *cyclommatus* p. 174 fig., CHEVALIER 43.—*C. distans* p. 12 fig., KOPEK 114.—*C. gemmulifera* p. 127, *gerthi* sp. n. p. 128 Upper Tertiary Java, *tubifera* p. 128, OSBERGER Neues Jb. Min. Geol. Paläont. Abh. 100 1 1954.—*C.* [as *Cyphastrea* (sic)] *microphthalma*, cf. *progoensis* p. 614, WELLS 236.

†“*Cystiphyllum*” *kimberleyense* p. 29 fig., HILL 86.

Dactylotrochus gen. n. (fam. Caryophyllidae) p. 470, type species (by original designation) *Tridacophyllia cervicornis* p. 470 fig. Marshall Islands, etc., WELLS U.S. geol. Surv. Prof. Pap. 2601 1954.

Deltocyathus italicus p. 469, WELLS 235.

†*Dendrogyra* sp. p. 70, *salisburgensis* p. 70 fig., *pannonica* sp. n. pp. 70, 125 fig. Cretaceous Hungary, KOLOSÁRY Jb. ung. geol. Anst. 42 2 1954.

†*Dendrogyridae* diagnosed p. 191, GEYER 69.

†*Dendrohelina* diagnosed p. 142, ? *D. coalescens* p. 142, GEYER 69.

Dendrophyllia anastomans p. 226 fig., MONOD 142.—*D. fistula* p. 472 fig., *florentula* p. 473 fig., sp. n. ? (sic) p. 473 fig. Marshall Islands, WELLS U.S. geol. Surv. Prof. Pap. 2601 1954.

†*Dendrophyllia poppelacki* p. 19 fig., KOPEK 114.

†*Dermoseris* diagnosed p. 170, *dicertina* p. 170 fig., GEYER 69.

†*Dermosmilia* diagnosed p. 144, *laxata* p. 144 fig., GEYER 69.

Desmophyllum cf. *crista-galli*, *delicatum* p. 470, WELLS 235.

†*Dibunophyllum* sp. p. 7 (339) fig., RÓZKOWSKA 178.—*D.* sp. p. 433 fig., TERNIER & TERNIER 215.

†*Dictyaraea elegans* var. *clinactinia* p. 65 fig., CHEVALIER 44.—*D.* discussed p. 613, *micrantha* p. 614 fig., WELLS 236.

†*Dimorphastraea fungiformis* nom. nud., *radshensis* nom. nud. p. 286, [BENDUKIDZE] 22.—*D.* [as *Dimorphastraea* (sic)] diagnosed p. 159, *concentrica* p. 159 fig., subsp. *langii* p. 159 fig., *heteromorpha* p. 159 fig., *speciosa* p. 160 fig., GEYER 69.—*D.* sp. p. 94, cf. *edwardsi* p. 95, cf. *grandiflora* p. 95, KOLOSVÁRY 111.

†*Dimorphoseris* diagnosed p. 163, *helianthus*, *dubia* p. 163, *affinis* p. 164, *beckeri* sp. n. p. 164 fig. Jurassic Germany, GEYER Palaeontogr. 104A 1954.

†*Diplaraea* diagnosed p. 170, *arbuscula* p. 170 fig., *elegans* p. 171 fig., GEYER 69.

Diploastraea [as *Diploastraea* (sic)] *heliopora* p. 464, WELLS 235.

†*Diploastraea haimeii* p. 130 fig., *incerta* p. 155, CHEVALIER 43.—*D.* *heliopora* p. 145, OSBERGER 158.

†*Diplotenium gracile* a sp. of *Phyllosmilia* p. 9, ALLOTEAU 10.—*D.* sp. p. 108, cf. *conjugens* p. 109 fig., *contortum* p. 109 fig., KOLOSVÁRY 111.

†*Diploria* cf. *latisinuosa* p. 84 fig., KOLOSVÁRY 111.

†*Discocoenia* aff. *bononiensis* p. 236 fig., KOLOSVÁRY 110.

†*Disphyllum goldfussi* p. 18 fig., *virgatum* p. 19 fig., var. *densum* var. n. p. 19 fig., var. *variabile* var. n. p. 20 fig., var. ? p. 20 fig., *depressum* p. 21 fig., *depressum* or *Tennophyllum* sp. p. 21 fig., *intertextum* sp. n. p. 22 fig., sp. p. 22 fig., *curtum* sp. n. p. 22 fig., Devonian W. Australia, HILL Bull. Min. Resources Geol. Geophys. Australia 23 1954.—*D.* ? *goldfussi* p. 108 fig., sp. p. 108 fig., sp. or *Mictrophyllum* sp. p. 110 fig., HILL 87.

Drillactis leucomeles p. 592 fig., CARLGREN 41.

Echinophyllia aspera p. 467 fig., WELLS 235.

Echinopora lamellosa p. 464, WELLS 235.

Edwardsia leucomeles a sp. of *Drillactis* p. 592 fig., CARLGREN 41.

†*Ellipsosmilia* diagnosed p. 197, *circumvelata*, *rugosa* p. 197, GEYER 69.

†*Enallastraea rugosa* p. 71, *margaritata* p. 75 are spp. of *Actinastraea* (q.v.), ALLOTEAU 9.

†*Enallocoenia* discussed p. 11, ALLOTEAU 9.

†*Enallohelix* diagnosed p. 140, *compressa* p. 140 fig., *elegans* p. 141 fig., *striata* p. 141 fig., *tubulosa* p. 141, GEYER 69.

†*Entelophyllum* discussed p. 400, *articulatum* p. 401 fig., *alpinum* p. 403 fig., SCHOUPPE 189.

Epiactis australiensis p. 576, CARLGREN 41.

†*Epismilia* aff. *lausonensis* p. 236 fig., KOLOSVÁRY 110.

†*Epistreptophyllum* diagnosed p. 143, *commune* p. 143 fig., *tenue* p. 143, *flabelliforme* p. 144 fig., GEYER 69.

Epizoanthus minutus p. 109, FONTAINE 59.—*E. arenaceus* subsp. *ingeborgae* subsp. n. p. 393 Adriatic Sea, PAX Atti Mus. Civico Storia nat. Trieste 19 5 1954.—*E. arenaceus ingeborgae* p. 145 fig., *vatovai* p. 146 fig., PAX & MULLER 167.

†*Eridophyllum* diagnosed p. 3, *seriale* p. 3 fig., *subseriale* sp. n. p. 5 fig., *magniventrum* sp. n. p. 5 fig., *arachnoideum* sp. n. p. 6 fig., *michiganense* sp. n. p. 7 fig., Devonian U.S.A., STUMM Contr. Mus. Geol. Pal. Michigan Ann Arbor 12 1 1954.

†*Eugyra* sp. p. 71 fig., KOLOSVÁRY 111.

Euphyllia glabrescens p. 471, WELLS 235.

Favia stelligera p. 457 fig., *speciosa* p. 457 fig., *pallida* p. 457 fig., *rotumana*, *favus, valenciennesii* p. 458, *helianthoides* sp. n. p. 458 fig. Marshall Islands, WELLS U.S. geol. Surv. Prof. Pap. 2601 1954.

†*Favia magnifica* p. 14, KOPEK 114.—*F. [as Fasia (sic)] amplior?* p. 81, OSBERGER 157.—*F. macrocalyx* p. 126, OSBERGER 158.

†Faviidae diagnosed p. 186, GEYER 69.

†Favistellid? (solitary) pp. 36, 50 fig., HILL 86.

Favites virens p. 459, *flexuosa* p. 459 fig., *abditata* p. 459, WELLS 235.

†*Favites pentagona* p. 81, OSBERGER 157.

†*Flabellum distinctum* p. 66, KING 109.—*F. roissyanum* pp. 22, 36, 40 fig., KOPEK 114.—*F. tuberculatum* p. 51, var. *roemeri* p. 50 fig., *waelii* p. 53 fig., KÜHN 120.

Fungia scutaria p. 447 fig., *echinata* p. 448, *fungites* p. 448 fig., *fungites huimei* p. 448 fig., *fungites incisa* p. 448 fig., *fungites stylifera* p. 448 fig., *fungites dentata* p. 449 fig., *concinna serrulata* p. 449 fig., WELLS 235.

†*Fungia* sp. p. 146 fig., OSBERGER 158.

Fungiida diagnosed p. 143, GEYER 69.

Gemmaria variabilis? p. 591, CARL-GREN 41.—*G. fusca* p. 108 fig., *variabilis* p. 108 fig., FONTAINE 59.

†*Genabacia* diagnosed p. 166, *pseudokachensis* sp. n. p. 166 fig. Jurassic Germany, GEYER Palaeontogr. 104A 1954.

Goniastrea [as *Goniastrea* (sic)] *retiformis*, *pectinata* p. 461, WELLS 235.

†*Goniastrea retiformis* p. 140, OSBERGER 158.

†*Goniocoenia* a synonym of *Astrocoenia* p. 12, ALLOITEAU 9.

†*Goniocora* diagnosed p. 187, *pumila* p. 187 fig., GEYER 69.

†*Goniophyllum pyramidale* p. 395 fig., TERNIER & TERNIER 215.

Goniopora somaliensis p. 450 fig., *traceyi* sp. n. p. 451 fig. Marshall Islands, cf. *gracilis* p. 451 fig., *pulvinula* sp. n. p. 451 fig. Marshall Islands, *muscosa* sp. n. p. 451 fig. Marshall Islands, WELLS U.S. geol. Surv. Prof. Pap. 2801 1954.

†*Goniopora latistellata* p. 114 fig., KOLOSÁRY 111.—*G. leptoclada* p. 29 fig., KOPEK 114.—*G. planulata* p. 134, *tenuidens* p. 151, OSBERGER 158.

†*Gyrodendron* diagnosed p. 148, *lobatum* p. 148 fig., *proliferum* p. 148, GEYER 69.

†*Hadrophyllum wellingtonense* sp. n. p. 121 fig. probably Devonian New South Wales, PACKHAM J. Proc. roy. Soc. N.S.W. 87 3 1954.

Halomitra philippinensis p. 449, WELLS 235.

†*Hapsiphyllum elegantulum* p. 94 fig., KOSTIĆ-PODGORSKA 115.—*H. ? stalbardicum* p. 7, PADGET 160.—*H.* sp. p. 433 fig., TERNIER & TERNIER 215.

†*Heliastraea* discussed pp. 105, 177, *lifolensis* p. 107 and *laevicostata* p. 108 are spp. of *Columnocenia*, *striata* p. 111 is a sp. of *Stylinopsis*, *putealis* p. 113 is a sp. of *Sarcinula*, *neocomiensis* p. 109, *cribraria* p. 113, *varians* p. 114, *terminaria* p. 115, *constricta* p. 117, *sulcatolamellosa* p. 117 and *edwardsi* p. 119 are spp. of *Phyllocoenia*, *delcosiana* p. 118 is a sp. of *Columnastraea*, *vesparia* p. 118 and *sezangula* p. 118 are spp. of *Plesiastreopsis*, *moravica* p. 120 is a sp. of *Provinciastraea*, *rotula* discussed p. 123, *riemsteycki* discussed p. 123, *irregularis*, *coquandi*, *simonyi*, *coronata*, *ortua*, *rotunda*, *pseudolepida*, sp., *H. ? barrandei*, *tezana* all discussed p. 124, *lucasiana* p. 126 is a sp. of *Placocoenia*, *bormidensis* p. 128 and *murrayi* p. 173 are spp. of *Phyllocoenia*, *fallax* p. 129 is a sp. of *Hemiporites*, *huimei* p. 130 and *incerta* p. 155 are spp. of *Diploastraea*, *meneghinii*, *gemmans*, *apenninica* and *superficialis* all discussed p. 131, *ellisiana* p. 131, *raudini* p. 133, *reuziana* p. 135 and *precoquina* p. 136 are all spp. of *Tarbellastraea*, *defrancei* discussed p. 139, *dal lagoi* p. 137, *cauculosa* p. 150, *canalis* p. 161, *limbata* p. 162 and *tabulata* p. 170 are spp. of *Heliastreopsis*, *incrustans* p. 152 is a sp. of *Aquilanastraea*, *laurinensis* sp. n. p. 154 fig. Miocene Italy, *guettardi* p. 153, *cavernosa* p. 156 fig., *cylindrica* p. 158 fig., *radiata* p. 159 fig., *costata* p. 166 fig., *cyclommatus* p. 174 is a sp. of *Cyphastraea*, *quadrangularis* p. 175 fig., CHEVALIER Ann. Hébert et Haug 8 1954.

†*Heliastreopsis* subgen. n. (of *Heliastraea*) pp. 139, 177, type species (by original designation) *Heliastraea dal lagoi* p. 137 fig. Oligocene Italy, *alloiteaui* sp. n. p. 145 fig. Miocene France, *saucatsensis* sp. n. p. 146 fig.

Miocene France, *pelouaensis* sp. n. p. 147 fig. Miocene France, *solenastroides* sp. n. p. 149 fig. Miocene France, *vesiculosa* p. 150 fig., *canalis* p. 161 fig., *limbata* p. 162 fig., *tabulata* p. 170 fig., CHEVALIER Ann. Hébert et Haug 8 1954.

†*Heliophyllum pinguisseptatum* sp. n. p. 110 fig. Devonian Victoria, HILL Proc. roy. Soc. Vict. N.S. 66 1954.

†*Hemiporites fallax* p. 129 fig., CHEVALIER 43.

Herpolitha limax p. 449 fig., WELLS 235.

†*Heterocoenia stachei* p. 74 fig., KOLOSVÁRY 111.

†*Hexagonaria* discussed p. 15, *brevilamellata* p. 15 fig., *brevilamellata* ? p. 16 fig., *hullensis* sp. n. p. 16 fig., *gneudnensis* sp. n. p. 18 fig., Devonian W. Australia, HILL Bull. Min. Resources Geol. Geophys. Australia 23 1954.—*H. stevensi* p. 107 fig., *approximans* p. 107 fig., aff. *approximans* p. 108 fig., HILL 87.—*H. hexagona* p. 462 fig., *sedgwicki* p. 465 fig., *daviesi* p. 468 fig., *basaltiformis* p. 470 fig., *sanctacrucensis* sp. n. p. 472 fig. (Conspectus p. 140), *mirabilis* sp. n. p. 474 fig. (Conspectus p. 141), *phillipsastraeiformis* sp. n. p. 476 fig. (Conspectus p. 141), Devonian Poland, MOENKE Acta geol. polon. palaeont. 4 4 1954.

Hydnophora microconos p. 462, *rigida* p. 463, WELLS 235.

†*Hydnophora styriaca* p. 85 fig., KOLOSVÁRY 111.

†*Hydnophyllia martini* p. 124, *rothpletzi* sp. n. p. 125 Upper Tertiary Java, OSBERGER Neues Jb. Min. Geol. Paläont. Abh. 100 1 1954.

Isactinia olivacea is partly *Unidopus verater* p. 593 fig., CARLGREN 41.

Isanemonia australis p. 575 fig., CARLGREN 41.

†*Isastraea* [as *Isastrea* (sic)] diagnosed p. 184, *helianthoides* p. 184 fig., subsp. *crassiseptata* p. 185, *oblonga* p. 185 fig., *explanata* p. 186 fig., GEYER 69.—*I. favosiformis* nom. nud. p. 286, [BENDUKIDZE] 22.

Isaurus cliftoni p. 584, CARLGREN 41.—*I. duchassain* [sic] p. 109, FONTAINE 59.

Isocradactis magna discussed, *ferax* p. 594, CARLGREN 41.

†*Kakwiphyllum* gen. n. (fam. Caniniidae) p. 365, type species (by original designation) *dux* sp. n. p. 366 fig. Carboniferous British Columbia, SUTHERLAND Geol. Mag. 91 5 1954.

†*Kjaerophyllum* discussed p. 392, *carnicum* sp. n. p. 393 Siluro-Devonian Carnic Alps, SCHOUPE Neues Jb. Min. Geol. Paläont. 99 3 1954.

†*Kobymeandra* gen. n. (fam. Andemantastreaeidae) p. 886, type species (by original designation) *Latimaeandra corrugata* p. 885 fig. Jurassic Switzerland, ALLOITEAU Bull. Soc. géol. Fr. (6) 3 1953.

†*Lasmogyra* cf. *sinuosa* p. 80 fig., KOLOSVÁRY 111.

†*Latimaeandra corrugata* the type species of *Kobymeandra* p. 885, ALLOITEAU 8.—*L.* [as *Latomeandra* (sic)] diagnosed p. 147, *plicata* p. 147 fig., *dubia* p. 148, GEYER 69.

†*Latimaeandraraea* ? sp. p. 95, *douvillei* p. 96 fig., cf. *tortuosa* p. 96, KOLOSVÁRY 111.

†*Latiphyllia* diagnosed p. 182, *suevica* p. 183 fig., *clausa* p. 183, GEYER 69.

†*Latusastraea* [as *Latusastrea* (sic)] *alveolaris* p. 192 fig., GEYER 69.

†*Lepiconus bassii* p. 158, CONTI 47.

Leptastraea [as *Leptastrea* (sic)] *purpurea* p. 463, WELLS 235.

†*Leptophyllia depressa* p. 160 and *cycloites* p. 161 are spp. of *Acrosmilia*, *strangulata* p. 162, *L. ? compressa* p. 162, GEYER 69.—*L.* sp. p. 90, *L. (?) neocomiensis* p. 91 fig., cf. *sessilis* p. 91, KOLOSVÁRY 111.

†*Leptoria koninckii* p. 84 fig., KOLOSVÁRY 111.—*L.* sp. p. 81, OSBERGER 157.—*L. selenkai* p. 144 fig., OSBERGER 158.

Leptoseris gardineri p. 443, *papyracea* p. 443 fig., *incrustans* p. 444 fig., *solida* p. 444 fig., *hawaiiensis* p. 444 fig., *scabra* p. 444 fig., *L. ? mycetoseroides* sp. n. p. 445 fig. Marshall Islands and Japan, WELLS U.S. geol. Surv. Prof. Pap. 260I 1954.

†*Leptoseris sibolongensis* sp. n. p. 132 fig. Upper Tertiary Java, OSBERGER Neues Jb. Min. Geol. Paläont. Abh. 100 1 1954.

†*Liardiphyllum* gen. n. (fam. incert.) p. 368, type species (by original designation) *hagei* sp. n. p. 369 fig. Carboniferous Western Canada, SUTHERLAND Geol. Mag. 91 5 1954.

†? *Linguloemilia* sp. p. 238, KOLOSVÁRY 110.

†*Lithophyllia ampla* p. 14 fig., KOPEK 114.—*L. spinosa* p. 122, OSBERGER 158.

†*Lithostrotion* (= *Petalaxis*) *timanicus*, sp. p. 8, PADGET 160.

†*Lithostrotionella americana* p. 433 fig., TERMIER & TERMIER 215.

Lobophyllia costata, *corymbosa*, *hemiprictii* p. 466, WELLS 235.

†*Lobophyllia radicata* p. 189, GEYER 69.

Lophelia pertusa p. 16, BROCH 36.

†*Loposmitia* [sic] *mikeladzei* nom. nud. p. 285, [BENDUKIDZE] 22.

Lubrunia danae p. 287, HEDGPETH 82.

†*Lyriolasma* ? *subcaespitosum* p. 111 fig., HILL 87.

†*Maagea* sp. septal structure p. 8 (340) fig., RÓZKOWSKA 178.

Madracis sp. p. 414 fig., WELLS 235.

†*Madrepora duncani* p. 153, cf. *squarrosa* p. 154, OSBERGER 158.

†*Maendraræa tenerrima*, cf. *tenisepta* *polygonata* p. 97, KOLOSVÁRY 111.—*M.* [as *Meandraræa* (sic)] *korthiensis* nom. nud. p. 286, [BENDUKIDZE] 22.

†*Maendrastræa* cf. *crassiseptata* p. 82 fig., KOLOSVÁRY 111.

†*Maendrophyllia* [as *Meandrophyllia* (sic)] diagnosed p. 167, *tuberosa* p. 167 fig., GEYER 69.

Metridium senile senile p. 204 fig., PAX & MÜLLER 187.

†*Microphyllia* diagnosed p. 149, *soemmeringii* p. 150 fig., *brevicollis* p. 150, *greppini* p. 150 fig., *M.* ? *tuberosa* p. 151, *seriata* p. 151 fig., *astroides* p. 151 fig., GEYER 69.

†*Microsmilia* sp. p. 239, KOLOSVÁRY 110.

†*Microsolena* diagnosed p. 165, *aguriciformis* p. 165, GEYER 69.—*M. aguriciformis* p. 239 fig., *rotula* subsp. *pannonica* subsp. n. p. 239 fig. Jurassic Hungary, sp. p. 239, KOLOSVÁRY Földt. Közl. 84 3 1954.—*M. kandelakii* nom. nud. p. 286, [BENDUKIDZE] 22.

†*Microsolenidae* diagnosed p. 164, GEYER 69.

†*Mictophyllum cresswelli* p. 109 fig., var. *cylindricum* var. n. p. 109 fig. Devonian Victoria, sp. p. 109 fig., sp. or *Disphyllum* sp. p. 110 fig., HILL Proc. roy. Soc. Vict. N.S. 66 1954.

Minyas olivacea p. 287, HEDGPETH 82.

†*Mitrodendron* diagnosed p. 198, *mitratum* p. 198 fig., GEYER 69.

†*Mitrodendronidae* diagnosed p. 198, GEYER 69.

Montastræa [as *Montastrea* (sic)] discussed p. 463, WELLS 235.

Montipora tenuicaulis p. 155, *bernardi* p. 153, var. *subglabra* p. 153, and *studer* p. 153 are all junior synonyms of *verrucosa* p. 151 fig., BOSCHMA 28.—*M. subtilis* p. 433 fig., *granulosa* p. 434 fig., cf. *complanata* p. 434 fig., cf. *pallida* p. 434, *foveolata* p. 434 fig., *caliculata* p. 434 fig., *socialis* p. 435 fig., *turgescens* p. 435 fig., *elschneri* p. 435 fig., *hoffmeisteri* sp. n. p. 436 fig. Marshall Islands, *tuberculosa* p. 436 fig., *venosa* p. 436, cf. *studer* p. 436 fig., *conicula* sp. n. p. 436 fig., *colei* sp. n. p. 437 fig., *floweri* sp. n. p. 437 fig., Marshall Islands, *verrucosa* p. 438 fig., *danae* p. 438 fig., *verrilli* p. 438 fig., *ehrenbergi* p. 438, *granulata* p. 439 fig., cf. *myriophthalma* p. 439 fig., *minuta* p. 439 fig., *composita* p. 439 fig., *marshallensis* sp. n. p. 440 fig. Marshall Islands, WELLS U.S. geol. Surv. Prof. Pap. 260I 1954.

†*Montipora* cf. *trabeculata* p. 152, OSBERGER 158.

†*Montlivaltia* sp. p. 64, GEYER 68.—*M.* diagnosed p. 172, *crassisepta* p. 172, *obconica* p. 173 fig., *truncata* p. 174, *zitteli*, *compressa*, *unicornis*, *cytinus* p. 175, *helianthoides* p. 176 fig., *lesueur* p. 176 fig., *pirum* p. 177, *dianthus* p. 177 fig., *conica* p. 177, *ellipsocentra* p. 177 fig., *cuneata*, *cylindrata*, *champlittensis* p. 178, *bullata* p. 179, *procera* sp. n. p. 179 fig. Jurassic Germany, *recta* p. 179, *renevieri* p. 180 fig., GEYER Palaeontogr. 104A 1954.—*M.* sp. p. 235 fig., KOLOSVÁRY 110.—*M.* sp. p. 78, sp. juv. p. 78 fig., *rudis* p. 78 fig., *obesaformis* sp. n. pp. 79, 125 fig. Cretaceous Hungary, *latona* p. 79 fig., KOLOSVÁRY Jb. ung. geol. Anst. 42 2 1954.

†*Montlivaltiidae* diagnosed p. 172, GEYER 69.

†*Mycetaraea* diagnosed p. 169, *dimorpha* p. 169 fig., *agaricoides* p. 169 fig., GEYER 69.

†*Myriophyllia* diagnosed p. 138, *tenella* p. 138, GEYER 69.

†*Neomphyma* ? sp. p. 37 fig., HILL 86.

Oculina (*Schizoculina*) *fissipara* p. 222 fig., MONOD 142.

†*Orbicella* *moravica* p. 120 a sp. of *Provinciastraea*, *travisensis* and *whitneyi* discussed p. 124, *maxima* discussed p. 126, *annularis* p. 164 is a sp. of *Cyphastrea*, CHEVALIER 43.—*O. reussiana* p. 9 fig., *oligophylla* p. 9 fig., *defrancei* p. 10 fig., *conoidea* p. 11 fig., KOPEK 114.—*O. pracheliopora* p. 81, OSBERGER 157.—*O. cyclommatus* p. 143, OSBERGER 158.—*O.* sp. pl. 1, TAKI & OYAMA 213.

Oulactis mcmurrici p. 572 fig., CARLGRÉN 41.

Oulophyllia crispa p. 461, WELLS 235.

†*Ovalastraea* cf. *caryophylloides*, cf. *micelini* p. 64, GEYER 68.—*O.* [as *Ovalastraea* (sic)] diagnosed p. 152, *caryophylloides* p. 152 fig., *micelini* p. 153 fig., cf. *lobata* p. 153 fig., GEYER 69.

Oxypora lacera p. 468 fig., WELLS 235.

Pachyseris rugosa p. 445 fig., *speciosa* p. 446, WELLS 235.

†*Palaeosmia* discussed p. 27, *contexta* sp. n. p. 27 fig. Devonian W. Australia, HILL Bull. Min. Resources Geol. Geophys. Australia 23 1954.

Palythoa densa sp. n. p. 588 fig. W. Australia, *heideri* ? nom. n. [sic] p. 591 fig. W. Australia, CARLGRÉN Ark. Zool. 6 34 1954.—*P. caribaea* p. 108, *mammillosa* p. 109, FONTAINE 59.

Paracyathus parvulus p. 469 fig., WELLS 235.

Parahalomitra robusta p. 449 fig., *dentata* p. 450, WELLS 235.

Paranthus rapiformis p. 287 fig., HEDGPETH 82.

†*Parasmilia* ? *jurassica* p. 198, GEYER 69.—*P. aptiensis* p. 102 fig., sp. p. 103, KOLOSVÁRY 111.

Parazoanthus swiftii p. 108 fig., FONTAINE 59.—*P. axinellae adriaticus* p. 143 fig., PAX & MÜLLER 167.

†*Partimeandra* nom. nud. pp. 285, 286, *kachadzei* nom. nud. p. 286, [BENDUKIDZE] 22.

Pavona frondifera, *minor*, *danai*, *praetorta* p. 441, *clavus* p. 441 fig., *minuta* sp. n. p. 442 fig. Marshall Islands, *varians* p. 442 fig., *P. (Pseudocolumnastraea) pollicata* sp. n. p. 443 fig. Marshall Islands, WELLS U.S. geol. Surv. Prof. Pap. 2601 1954.

†*Peneckiella* possibly synonymous with *Synaptophyllum* p. 25, *teichertii* sp. n. p. 25 fig. Devonian W. Australia, HILL Bull. Min. Resources Geol. Geophys. Australia 23 1954.

†*Petalaxis* see *Lithostrotion*.

†*Petrophylliella trochoides* p. 123, *javana* p. 123 fig., OSBERGER 158.

†*Phacellophyllum* discussed p. 26, sp. p. 26 fig., HILL 86.

†*Phillipsastraea* [as *Phillipsastrea* (sic)] *delicatula* p. 14 fig., sp. p. 14 fig., HILL 86.—*P.* [as *Phillipsastrea* (sic)] *maculosa* p. 107 fig., HILL 87.—*P. sedgwicki* a sp. of *Hexagonaria* p. 465, MOENKE 141.

Phlyctenactis tuberculosa p. 578 fig., CARLGRÉN 41.

†*Phyllocoenia bormidensis* p. 128, *murrayi* p. 173, CHEVALIER 43.—*P.* sp. p. 75, *lilli* p. 75 fig., cf. *exsculpta* p. 76 fig., cf. *lepida* p. 76 fig., *P. (?) leganyii* sp. n. pp. 77, 125 fig. Cretaceous Hungary, sp. p. 77, KOLOSVÁRY Jb. ung. geol. Anst. 42 2 1954.

†*Phyllocoeniopsis* gen. n. p. 114, *neocomiensis* p. 109 fig., *cribraria* p. 113 fig., *varians* p. 114, *terminaria* p. 115, *constricta* p. 116 fig., *sulco-lamellosa* p. 117, *edwardsi* p. 119 fig., CHEVALIER Ann. Hébert et Haug 8 1954.

†*Phyllosmia* discussed p. 2, *flabelliformis* p. 4 fig., *crassa* sp. n. p. 6 fig. U. Cretaceous France, *basochei* p. 7 fig., *costata*, *gracile* p. 9, *sphenotrochoides* nom. n. (for *P. gracilis* non de Fromental) p. 10 U. Cretaceous France, *complanata* p. 11, *catalaunica* p. 13 fig., *cuneolus* p. 14, *lanquinei* sp. n. p. 15 fig. U. Cretaceous France, var. *didyma* var. n. p. 16 fig. U. Cretaceous France, *negreli* sp. n. p. 17 fig. U. Cretaceous France, *toucasii* sp. n. p. 18 fig. U. Cretaceous France, *transiens* p. 19, *alata* p. 21 fig., *cureti* sp. n. p. 21 fig. U. Cretaceous France, *elongata* p. 23

fig., *gabrielii* p. 24 fig., *minima* p. 25 fig., *fromenteli* p. 26 fig., spp. n. U. Cretaceous France, sp. p. 27 fig., ALLOITEAU Ann. Centre Études Document. paléont. No. 8 1954.—P. sp. p. 106, *transiens* p. 106 fig., *upponyensis* sp. n. pp. 107, 128 fig., *pannonica* sp. n. pp. 107, 127 fig., *rozlozsniki* sp. n. pp. 108, 128 fig., *stümegensis* sp. n. pp. 108, 128 fig., Cretaceous Hungary, KOLOS-VÁRY Jb. ung. geol. Anst. 42 2 1954.

Physogyra lichtensteini p. 471 fig., WELLS 235.

†*Placocoenia lucasiana* p. 126 fig., CHEVALIER 43.—P. cf. *decamera* p. 73, KOLOS-VÁRY 111.

†*Placophyllia dianthus* p. 65, GEYER 68.—P. diagnosed p. 193, *dianthus* p. 193 fig., *rugosa* p. 193 fig., GEYER 69.

†*Placosmilia* ? sp. p. 104 fig., *arcuata* p. 104 fig., P. ? *hungarica* sp. n. pp. 105, 127 fig. Cretaceous Hungary, KOLOS-VÁRY Jb. ung. geol. Anst. 42 2 1954.

†*Plastastrocoenia* discussed p. 13, ALLOITEAU 9.

Platygyra rustica p. 462, *sinensis* p. 462 fig., WELLS 235.

†*Platyemilia* cf. *angusta* p. 72 fig., *multicincta* p. 72 fig., KOLOS-VÁRY 111.

Plesiastrea [as *Plesiastrea* (sic)] *lilli* p. 460 fig., *russelli* p. 460 fig., spp. n. Marshall Islands, *versipora* p. 460, WELLS U.S. geol. Surv. 2601 1954.

†*Plesiastrea* *ramea* p. 163 is a sp. of *Aquitanastraea*, *versipora* p. 167 fig., *annuligera* p. 167 fig., *laperousiana* p. 169 fig., *quatrefagiana* p. 170 fig., CHEVALIER 43.—P. *desmoulinsi* p. 13 fig., KOPEK 114.

†*Plesiastreopsis* gen. n. p. 118, *vesparia*, *sexangula* p. 118, CHEVALIER Ann. Hébert et Haug 8 1954.

Plesioseria see *Psammocora*.

Pocillopora damicornis p. 24 fig., ATODA 12.—P. *damicornis* p. 412 fig., *danae* p. 412, *verrucosa* p. 413 fig., *elegans* p. 413 fig., *meandrina nobilis* p. 413, *brevicornis* p. 413 fig., *setchelli* p. 413, *ligulata* p. 413 fig., *eydouxi* p. 414 fig., WELLS 235.

Porites bernardi p. 86, BUCHANAN 37.—P. *lobata* p. 452 fig., *australiensis* p. 452 fig., *lutea* p. 452 fig., *lichen* p. 453 fig., *superfusa* p. 454 fig., *studerii* p. 454

fig., *fragosa* p. 454 fig., *murrayensis* p. 454 fig., *andrewsi* p. 454 fig., *matthaei* sp. n. p. 455 fig. Marshall Islands, P. (*Synaraea*) *kawaiiensis* p. 455 fig., *horizontalata* p. 455 fig., *monticulosa* p. 455, *icayamaensis* p. 455 fig., WELLS U.S. geol. Surv. Prof. Pap. 2601 1954.

†*Porites incrustans* p. 29 fig., *vindobonarum prima* p. 29 fig., KOPEK 114.—P. sp. pp. 134, 151, OSBERGER 158.—P. cf. *capricornis* p. 613 fig., WELLS 236.

†*Prionastraea* cf. *verbeeki* p. 142, OSBERGER 158.

†*Prismatophyllum davidsoni* a sp. of *Hexagonaria* p. 468, MOENKE 141.

†*Prostephanocoenia* discussed pp. 12, 14, ALLOITEAU 9.

†*Protoseris* diagnosed p. 144, *robusta* p. 145 fig., *suevica* p. 145 fig., *placenta* p. 145, GEYER 69.

†*Provinciastrea* gen. n. pp. 121–123 [as *Provinciastrea* (sic) p. 123], type species (by monotypy) *moravica* p. 120, var. *mazaugui* var. n. p. 120 fig. Cretaceous Moravia, CHEVALIER Ann. Hébert et Haug 8 1954.

Psammocora nierstraszi p. 410 fig., *explanatula* p. 410 fig., P. (*Stephanaria*) *togianensis* p. 410 fig., P. (*Plesioseria*) *haimeana* p. 410, WELLS 235.

†? *Pseudamplexus* sp. p. 111 fig., HILL 87.

†*Pseudaulina* gen. n. p. 875, type sp. (by original designation) *lefranci* sp. n. p. 873 fig. U. Cretaceous Sahara, ALLOITEAU Bull. Soc. géol. Fr. (6) 3 1953.

Pseudocolumnastraea see *Pavona*.

†*Pseudozonophyllum halli* p. 236 fig., *excentricum* sp. n. p. 241 fig. (Conspectus pp. 44, 50) Devonian Poland, RÓZKOWSKA Acta geol. polon. 4 1954.

†*Ptenophyllum torquatum* p. 226 fig., RÓZKOWSKA 179.

Radianthus (*Antheopsis*) *concinata* p. 581 fig., CARLGREN 41.

†*Rhabdophyllia* sp. p. 81, OSBERGER 157.

†*Rhipidogyra* diagnosed p. 191, *costata* p. 191 fig., *alata* p. 191 fig., GEYER 69.—R. ? sp. p. 71, KOLOS-VÁRY 111.

†*Rhipidogyridae* diagnosed p. 190, GEYER 69.

†*Rhizopsammia chamissoi* sp. n. p. 473 fig., *minuta* var. *bikiniensis* var. n. p. 473 fig., Marshall Islands, WELLS U.S. geol. Surv. Prof. Pap. 260I 1954.

†*Rhopalophyllum heterophyllum* p. 230 fig., RÓZKOWSKA 179.

†*Rotiphyllum geinitzi* p. 6, *geinitzi* ? p. 7, PADGET 160.

†*Rugosa* gen. et sp. ind. p. 37 fig., HALL 86.

†*Sarcinula putealis* p. 112 fig., CHEVALIER 43.

Schizoculina see *Oculina*.

†*Schlüteria* sp. p. 7 (339) fig., RÓZKOWSKA 178.

Sclerhelia alcocki sp. n. p. 465 fig. Marshall Islands, WELLS U.S. geol. Surv. Prof. Pap. 260I 1954.

†*Septastraea multilateralis*, *excavata*, *haimei*, *fromenteli*, *eveshami* p. 879 are spp. of *Septastraeopsis*, ALLOITEAU 8.

†*Septastraeopsis* gen. n. (fam. Dendrogyriidae) p. 878, type species (by original designation) *gigouti* sp. n. p. 876 fig. U. Jurassic-Cretaceous Morocco, *multilateralis*, *excavata*, *haimei*, *fromenteli*, *eveshami* p. 879, ALLOITEAU Bull. Soc. géol. Fr. (6) 3 1953.

Seriatopora hystrix p. 411 fig., *angulata* p. 412 fig., WELLS 235.

†*Seriatopora hystrix* p. 150 fig., OSBERGER 158.—*S. delicatula* p. 612 fig., *ornata* p. 612 fig., *micrommata* p. 612 fig., WELLS 236.

Siderastraea radians p. 85, BUCHANAN 37.

†*Siderastraea crenulata* p. 15 fig., *froehlichiana* p. 16 fig., KOPEK 114.

†*Siderofungia* sp. p. 95, KOLOSVÁRY 111.

Solenastraea a subgenus of *Heliastrea* p. 177, CHEVALIER 43.

†*Spongophyllum* ? sp. p. 29 fig., HILL 86.—*S. serratum* sp. n. p. 111 fig. Devonian Victoria, HILL Proc. roy. Soc. Vict. N.S. 66 1954.

†*Stelidioseris* discussed p. 12, ALLOITEAU 9.

Stephanaria see *Psammocora*.

†*Stephanastraea* a synonym of *Colmastrea* p. 14, ALLOITEAU 9.

†*Stephanocoenia littoralis* p. 73 is a sp. of *Actinastraea* (q.v.), ALLOITEAU 9.—*S. ramulifera* a sp. of *Actinastraea* p. 129, GEYER 69.—*S. formosa* p. 112 fig., KOLOSVÁRY 111.

†*Stephanosmilia polydectes* pp. 103, 127 fig. Cretaceous Hungary, KOLOSVÁRY Jb. ung. geol. Anst. 42 2 1954.

†*Stereostylus* sp. p. 433 fig., TERMIER & TERMIER 215.

Stoichactis helianthus p. 287, HEDGPETH 82.

†*Strenuastrea* nom. nud. p. 882, ALLOITEAU 8.

†*Stylidophyllum denticulatum* pp. 115, 120 fig., KOSTIĆ-PODGORSKA 116.

†*Stylina striata* the type species of *Stylinopsis* p. 111, CHEVALIER 43.—*S.* diagnosed p. 130, *micrommata* p. 130 fig., *tubulosa* p. 130, *fallax* p. 131, *delabechei* p. 131 fig., *excelsa* p. 132 fig., *limbata* p. 132, *decipiens* p. 133, *lobata* p. 133 fig., subsp. *intermedia* p. 133 fig., *tubulifera* p. 134 fig., *spissa* p. 134, aff. *deluci* p. 135, GEYER 69.—*S. parvistella* p. 73 fig., KOLOSVÁRY 111.

†*Stylinida* diagnosed p. 130, GEYER 69.

†*Stylinidae* diagnosed p. 130, GEYER 69.

†*Stylinopsis* gen. n. p. 112, type species (by monotypy) *Stylina striata* p. 111 fig. Cretaceous France, CHEVALIER Ann. Hébert et Haug 8 1954.

†*Stylocoenia* sp. p. 113 fig., KOLOSVÁRY 111.

Stylocoeniella armata p. 409 fig., WELLS 235.

†*Stylocyathus* diagnosed p. 189, *coarctatus* p. 189 fig., GEYER 69.—*S. minutus* sp. n. pp. 99, 126 fig., Cretaceous Hungary, KOLOSVÁRY Jb. ung. geol. Anst. 42 2 1954.

Stylophora pistillata p. 48 fig., ATODA 13.—*S. pistillata* p. 411 fig., *mordax* p. 411 fig., WELLS 235.

†*Stylophora* cf. *annulata* p. 62 fig., CHEVALIER 44.—*S. subreticulata* p. 28 fig., KOPEK 114.—*S. pistillata* pp. 133, 147, *sokkokensis* p. 134, *pocilloporoides* p. 147, *damicornis* p. 148, *jenkinsi* p. 149, OSBERGER 158.—*S. pistillata* p. 612 fig., cf. *mordax* p. 612, WELLS 236.

†*Stylophylloids haimei* p. 210 fig., CONTI 47.

†*Styloemilia* diagnosed p. 138, *suevica*, *corallina* p. 138, GEYER 69.

Symphyllia nobilis p. 466, WELLS 235.

Synaraea see *Porites*.

†*Synastraea* cf. *concinna* p. 64, GEYER 68.—*S.* diagnosed p. 162, *foliacea* p. 162 fig., *concinna* p. 163, GEYER 69.

†*Synastraecidae* diagnosed p. 162, GEYER 69.

†*Syringaxon* (*Syringaxon*) *nanus* p. 159 fig., *perfectus* p. 161, *graecensis* sp. n. p. 162 fig. Silurian Austria, SCHOUPPE Mitt. Naturwiss. Verein. Steiermark 84 1954.—*S.* discussed p. 395, *S.* (*Syringaxon*) *nanus* p. 396 fig., *perfectus* p. 397 fig., *S.* (*Barrandeophyllum*) *carnicus* p. 399 fig., SCHOUPPE 189.

†*Tarbellastra* *ellisiana* p. 131 fig., *raulini* p. 133 fig., var. *reussiana* p. 135, *prevostiana* p. 136 fig., CHEVALIER 43.

Teleosteus suppressed, *primaevus* suppressed p. 139, OPINION 4.

†*Temnophyllum* discussed p. 23, sp. or *Disphyllum depressum* p. 21 fig., *turbatum* sp. n. p. 23 fig., *T. ? floriforme* sp. n. p. 24 fig., Devonian W. Australia, HILL Bull. Min. Resources Geol. Geophys. Australia 23 1954.

†*Thalamocaeniopsis* gen. n. (fam. *Thamnasteriidae*) p. 881, type species (by original designation) *ouenzensis* sp. n. p. 880 fig. L. Cretaceous Algeria, ALLOITEAU Bull. Soc. géol. Fr. (6) 3 1953.

†*Thamnasteria* diagnosed p. 154, *gracilis* p. 154, *microconos* p. 155, *heterogenea* p. 155 fig., *cristata*, *seriata* p. 156, *confluens* p. 157 fig., *lobata* p. 157, *patina* p. 158 fig., *pseudarachnoides*, *major* p. 158, *blaburensis* sp. n. p. 158 fig. Jurassic Germany, GEYER Palaeontogr. 104A 1954.—*T. gracilis* p. 64, GEYER 68.—*T.* [as *Thamnastra* (sic)] *rectilamellosa* p. 158 fig., CONTI 47.—*T.* [as *Thamnastra* (sic)] sp. p. 91, cf. *pediculata* p. 92, cf. *frondescens* p. 92, *exigua* p. 92 fig., *procera* p. 92, *carinata* p. 93 fig., *decipiens* p. 93 fig., KOLOSVÁRY 111.—*T.* [as *Thamnastra* (sic)] *racemosa* nom. nud. p. 286, [BENDUKIDZE] 22.

†*Thamnasteriidae* diagnosed p. 154, GEYER 69.

†*Thamnastra* see *Thamnasteria*.

†*Thamnophyllum* aff. *stachei* p. 233 fig., RÓZKOWSKA 179.

†*Thecocyathus* sp. p. 237 fig., *mastraeformis* p. 237 fig., *baconica* sp. n. p. 237 fig. Jurassic Hungary, KOLOSVÁRY Földt. Közl. 84 3 1954.

†*Thecosmilia* *clathrata* p. 157 fig., CONTI 47.—*T.* diagnosed p. 180, *trichotoma* p. 180, *irregularis* p. 181 fig., *magna* p. 181, subsp. *pressa* p. 182, *dichotoma* p. 182 fig., GEYER 69.—*T. rofanica* subsp. *pannonica* subsp. n. p. 235 fig. Jurassic Hungary, KOLOSVÁRY Földt. Közl. 84 3 1954.

†*Tiaradendron* diagnosed p. 142, *germinans* p. 142 fig., GEYER 69.

†*Toechastra* discussed p. 13, ALLOITEAU 9.

†*Tricycloseris* diagnosed p. 168, *triangularis* p. 168 fig., GEYER 69.

Tridacophyllia cervicornis the type species of *Dactylotrochus* p. 470, WELLS 235.

? *Trochocyathida* sp. p. 238 fig., KOLOSVÁRY 110.

†*Trochocyathus* diagnosed p. 188, *laminus* p. 188 fig., GEYER 69.—*T. truncatus* p. 237 fig., *primaeva* p. 237 fig., KOLOSVÁRY 110.—*T.* cf. *amphitrites* p. 99 fig., KOLOSVÁRY 111.—*T. majzoni* p. 26 fig., KOPEK 114.

†*Trochosmilia* sp. p. 100 fig., *chondrophora* p. 101 fig., *subinduta* p. 101 fig., *pseudophora* p. 102, KOLOSVÁRY 111.

†*Tryplasma delicatulum* p. 36 fig., HILL 86.—*T. wellingtonense* p. 112 fig., *murrayi* p. 112, sp. p. 112, HILL 87.—*T. loveni* p. 382 fig., *vermiculare* p. 387 fig., SCHOUPPE 189.

Turbinaria p. 471, *crater* p. 471, *irregularis* p. 471 fig., cf. *sinensis* p. 471, *mesenterina*, cf. *stellulata* p. 472, cf. *veluta* p. 472 fig., WELLS 235.

†*Turbinaria cyathiformis* p. 28 fig., KOPEK 114.

†*Turbinolia alata* a sp. of *Phyllosmilia* p. 20, ALLOITEAU 10.

†*Undulocyathus* gen. n. (fam. *Caryophyllidae*) p. 238, *hungaricus* p. 238 fig., *noszkyi* p. 238 fig., spp. n. Jurassic Hungary, KOLOSVÁRY Földt. Közl. 84 3 1954.

†*Verbeekiella* sp. p. 8 (340) fig., RÓZKOWSKA 178.

†*Viminohelia* gen. n. (fam. Calamophylliidae) p. 153, type species (by original designation) *seminuda* sp. n. p. 154 fig. Jurassic Germany, GEYER Palaeontogr. 104A 1954.

†*Zaphrentis iocosa* sp. n. p. 13 fig. Devonian W. Australia, HILL Bull. Min. Resources Geol. Geophys. Australia 23 1954.—*Z. postuma* p. 60 fig., TRUEMAN 224.

†*Zaphrentoides ? excavatus* sp. n. p. 12 fig. Devonian W. Australia, HILL Bull. Min. Resources Geol. Geophys. Australia 23 1954.—*Z. sp.* p. 8 (340) fig., RÓŻKOWSKA 178.

†*Zaphriphyllum* gen. n. (fam. Caniniidae) p. 363, type species (by original designation) *disseptum* sp. n. p. 364 fig. Carboniferous Western Canada, SUTHERLAND Geol. Mag. 91 5 1954.

Zoanthus praelongus p. 585 fig., *marshi* p. 587 fig., spp. n. W. Australia, CARLGREN Ark. Zool. 6 34 1954.—*Z. solanderi* p. 107 fig., *flos-marinus* p. 107 fig., *pulchellus* p. 107 fig., FONTAINE 59.

CTENOPHORA

NONE

INCERTAE SEDIS

NONE